

NEPAssist: A Web-Based Mapping Application for Environmental Review

June 2, 2004

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Environmental Protection Agency
Office of Information Analysis & Access
202-566-0710


Why NEPAssist?

- *NEPA – National Environmental Policy Act*
- *Simplify the Process of Filing and Review of EISs and EAs*
- *Access to Core Geo-Data*
- *Environmental Screening of all Proposed Projects*
- *Streamlined Review Process*

NEPAssist Overview

- ***Web-based GIS Tool ...*** No training; No licensing; No desktop configuration; No desktop data needed
- ***Distributed Application ...*** via Web Services
- ***Consistent Data Sets***
- ***Sponsored by Office of Federal Activities***
- ***Piloted in EPA Region 2 ...*** New York, New Jersey, & Puerto Rico

Select Study Area



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Select Study Area

To get started, please select the proposed project area for analysis. Enter a ZIP code, city/county and state, Hydrologic Unit Code (HUC), or latitude/longitude in the spaces provided below.

[Geography](#)
Specify a level of geography in order to narrow your search:

City: State: ZIP:

County:


[Hydrologic Unit Code \(HUC\)](#)
Specify a HUC Code in order to narrow your search:

HUC Code:

[Longitude and Latitude](#)
Specify a Longitude/Latitude coordinate pair, in decimal degrees, in order to narrow your search:
(ex. longitude: -73.759310 latitude: 42.652871)

Longitude:


Latitude:



■ Coverage area

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Interactive Map



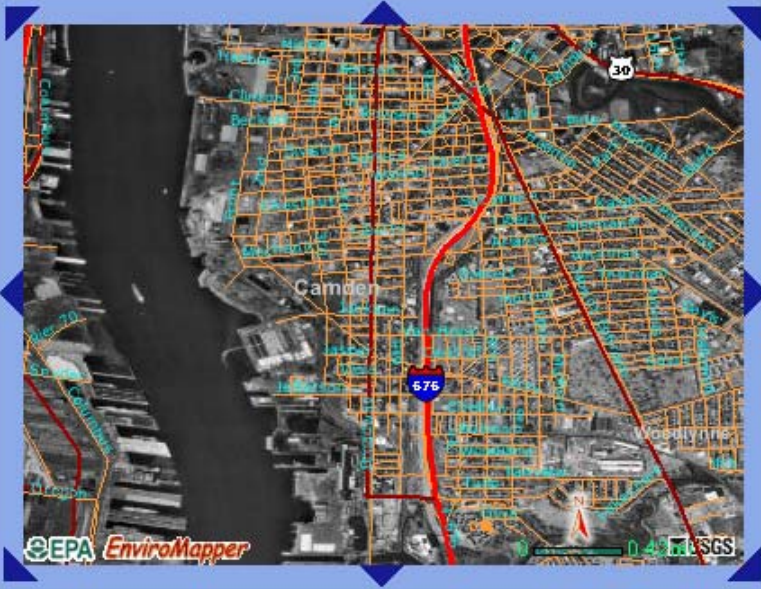
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

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EPA EnviroMapper

Zoom In Zoom Out Recenter Digitize Analysis  

Identify Select a feature Locator Map Legend

Redraw Map

Map Features

- ☐ **Regulated sites**
 - ☐ Multi-activities
 - ☐ Superfund
 - ☐ Toxic releases
 - ☐ Water discharger
 - ☐ Air emissions
 - ☐ Hazardous waste
- ☐ **Places**
 - ☐ Schools
 - ☐ Churches
 - ☐ Hospitals
- ☐ **Transportation**
 - ☒ Highways
 - ☒ Streets
- ☐ **Water features**
 - ☐ Impaired water bodies
 - ☐ Impaired streams
 - ☐ Water bodies
 - ☐ Streams
 - ☐ Watersheds
- ☐ **Political boundaries**
 - ☐ Congressional Districts
 - ☐ City boundaries

Redraw Map

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Last updated on Monday, February 23, 2004
URL: <http://134.67.99.110/nepa/emnepa.asp>

Digitize Project Location



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Redraw Map

Map Features

☐ Regulated sites

- ☐ Multi-activities
- ☒ Superfund
- ☒ Toxic releases
- ☒ Water discharger
- ☒ Air emissions
- ☒ Hazardous waste

☐ Places

- ☐ Schools
- ☐ Churches

Digitize allows you to draw your project location within the image/map. A project can be represented by a point, line, or polygon.

Instruction for digitizing:

1. Choose one of the digitizing options: Point, Line, or Polygon.
2. Draw/digitize the project location on the image.
3. Once you have completed drawing your project location, click "Confirm" on the bottom right side of the screen. Your project location information will be saved and you will return to the NEPAssist application where you can analyze the results of your project location. "Cancel" will erase the project location information that you have entered.

☒ Zoom In ☐ Zoom Out ☐ Recenter ☐ Digitize
☐ Identify

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Choose a digitize option:

- ☐ Point
- ☐ Line
- ☒ Polygon

Coordinates:

-75.129935, 39.926548, -
75.126270, 39.927233, -
75.123732, 39.924816, -
75.123571, 39.921996, -
75.126068, 39.921352, -

Preliminary Environmental Assessment



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Area of digitized polygon .07 sq/mi

Within 400 meters of a Great Lake Shoreline? No

Within 400 meters of an American Heritage River? No

Within 400 meters of a Wild and Scenic River? **Yes**

Within 400 meters of a drinking water intake? No

Within 400 meters of a 303(d) listed reaches? **Yes**
CADMIUM, COPPER, IRON, LEAD, ZINC

Within an area with sole source aquifer? **Yes**

Within 400 meters of a wetland protected under section 404 of the Clean Water Act? **Yes**

Within a wetland (National Wetlands Inventory)? **Yes**

Within a FEMA Flood Protection Area? **Yes**

Within a Heritage Program identified critical habitat for endangered species? No

Within 400 meters of Coral Reefs? No

Within an area of nonattainment of the following National Ambient Air Quality Standards? Which ones? **Yes**
-O3 = Severe 15
-CO =
-SO2 =
-PM10 =

Within a potential Environmental Justice Area? **Yes**

Within an area that exceeds the median risk indicator amount for the state as determined by the Toxic Risk Inventory Screening Tool? **Yes**


Within an area that exceeds the median risk indicator amount for the state as determined by the National-Scale Air Toxics Assessment? **Yes**

Within a National Estuary Program study area? **Yes**

Within National Forest? No

Within Fish and Wildlife Service Refuge? No

Within State and Local Parks? No



Redraw Map

Map Features

☐ Regulated sites

☐ Multi-activities

☒ Superfund

☒ Toxic releases

☒ Water discharger

☐ Place

☐ Trans

☒ Water

☐ Politi

☐ Redraw

Zoom In Zoom Out Recenter Digitize Analysis

Identify Select a feature Locator Map Legend

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Environmental Justice Assessment



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Environmental Justice Geographic Assessment Tool

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Statistics represent residential population within a 0 mile buffer around feature of interest

Enter a new buffer value (max. 10 miles) [Go](#)

County and State Comparison

[Social](#)

[Economic](#)

[Health](#)

[Environmental](#)

[Map](#)

County and State Comparison

Overview

Total Persons:	49	Land Area:	58.8%	Households in Area:	15
Population Density:	873.37 /sq mi	Water Area:	41.2%	Housing Units in Area:	21
Percent Minority:	97.9%	Persons Below Poverty Level:	10 (20.4%)	Households on Public Assistance:	2
This space intentionally left blank		Housing Units Built <1970:	84%	Housing Units Built <1950:	60%

Race and Age¹

Race Breakdown	Persons (%)	Age Breakdown	Persons(%)
White:	5 (10.9%)	Child 5 years or less:	3 (6.6%)
African-American:	34 (68.9%)	Minors 17 years and younger:	21 (42.9%)
Hispanic-Origin:	14 (28.6%)	Adults 18 years and older:	28 (57.1%)
Asian/Pacific Islander:	2 (3.6%)	Seniors 65 years and older:	2 (3.6%)
American Indian:	0 (0.0%)	This space intentionally left blank	
Other Race:	8 (16.0%)		
Multiracial:	0 (0.6%)		

(* Columns that add up to 100% are highlighted)

Education

Education Level (Persons 25 & older)	Persons (%)
Less than 9th grade:	4 (17.6%)

Submit Analysis to EPA



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Preliminary Analysis Submittal Form

Document Type:

☒ Environmental Assessment (EA)

☐ Environmental Impact Statement (EIS) *This is for pilot/demonstration purposes only*

*Title:

Lead Agency:

Department:

*Contact Name:

☐ Mr

☐ Mrs

☐ Ms

(First)

(Last)

*Contact Phone:

Contact Fax:

*Contact Email:

Agency Web Site:

*Contact Address (Street):

Suite/Floor:

*City:

*State:

*Zip:

Cooperating Agency(s) Federal:

Federal Agencies

Cooperating Agency(s) Other:

Other Agencies

Supplemental Information:

Record of Decision: ☐ Yes ☐ No

NEPAssist Reviewer



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Project Title	Project Type	Date of Submission	Date of Review by EPA
alkfdaksj	EA	January 21, 2004	January 21, 2004
Environmental Review Course Demo: Cazenovia, NY	EA	November 05, 2003	March 17, 2004
FHWA test #1	EA	October 17, 2003	December 19, 2003
Gina test	EA	January 14, 2004	January 14, 2004
Joe's Project	EA	April 26, 2004	April 26, 2004
New Site Down by the River	EA	October 20, 2003	April 21, 2004
Newark Polygon Site	EA	November 19, 2003	December 11, 2003
Nucor Steel Auburn, Inc.	EA	November 06, 2003	May 19, 2004
Rowan College New Complex	EA	January 21, 2004	January 21, 2004
Test 1	EA	July 31, 2003	February 12, 2004
test run #1	EA	October 01, 2003	Not Reviewed
Vince's Project in San Juan	EA	May 19, 2004	Not Reviewed
Western Ramapo AWT Plant	EA	January 12, 2004	Not Reviewed

To resort the table by column, please choose column name and click the Resort button

☒ Project Title ☐ Project Type ☐ Date of Submission ☐ Date of Review

Reviewer Comment Form



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Data to be Provided by EPA NEPAssist Reviewer

Title: Princeton Remote Hangar EA

Document Type: EA


Contact Name: Jane Agency

Contact Address:
1313
trenton, NJ 07330

Contact Phone: 201-637-9997

Contact Email: agency.jane@njdot.gov

Supplemental Information:
Prospective location for remote hangar for Princeton Regional Airport



Regional Document Number:

Principal Reviewer Name:

Associate Reviewer Name:

EPA Comment Letter Date: (dd-mm-yy ex. 04-MAR-02)

CEQ Number:

CEQ Federal Register Date: (dd-mm-yy ex. 04-MAR-02)

CEQ Record History:

ERP Number:

Regional Project Number:

Principal Reviewer Phone:

Associate Reviewer Phone:

Automated Letter Generation

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY REGION 2

November 22, 2002

James Bond
290 Broadway
New York, NY 10007

Dear Mr. Bond:

As you may know, a large number of environmental assessments are prepared each year in EPA Region 2. Unfortunately, due to workload constraints, documents are not always prepared in a timely manner. However, while it is not an assessment to lead to a Finding of No Significant Impact (FONSI), if look environmentally adverse cumulative impacts may result over time. With this automated system which facilitates the dissemination of environmental information documentation. Based on project location information and a preliminary data extracted environmental information from the aforementioned database that to be considered as the proposed project indicated below goes through further product derived from this database. It provides information specific to your planning office to minimize potential adverse environmental impacts related to the world'.

The Environmental Protection Agency (EPA) has reviewed the scoping document entitled 'The greatest project in the history of the world' submitted on November 22, 2002. The concerns:

Increased activity resulting from the implementation of the proposed project could induce environmental impacts to the following resources:

Within 400 meters of a Great Lake Shoreline?	No
Within 400 meters of an American Heritage River?	No
Within 400 meters of a drinking water intake?	Yes
Within an area with sole source aquifer?	Yes
Within a FEMA Flood Protection Area?	No
Within 400 meters of Coral Reefs?	No
Within an area of nonattainment of the following National Ambient Air Quality Standards?	No
Within a potential Environmental Justice Area?	No
Within Fish and Wildlife Service Refuge?	No
Within State and Local Parks?	No
Within Native American Land?	No
If your project is in New Jersey, is it located in an Environmentally Sensitive Planning Area as designated in the NJ State Development and Redevelopment Plan?	No
If your project is not listed in a designated brownfield area, could it be?	Yes

For more detailed information on the data above, please visit the following website:

The siting of the proposed project can have a bearing on a project's potential environmental impacts. We suggest that a number of locations be evaluated by the automated tool discussed in this letter. A comparison of the analyses of each of the prospective project locations will identify a site (i.e., fewer "yes" answers) that may represent the most environmentally suitable place to site the subject project.

Thank you for the opportunity to comment. Should you have any questions concerning this letter, please contact Mark Westrate of my staff at (212) 637-3789.

Sincerely yours,

Grace Musumeci, Chief
Environmental Review Section
Strategic Planning and Multi-Media Programs Branch

NEPAssist Benefits

- ***Raises Important Environmental Issues at the Earlier Stages of Project Development***
- ***Performance Improvements***
- ***Easy Access to Region Specific Geo-Data***
- ***Customized Regional Assessments***
- ***Streamlined Review Process***

Future Focus and Direction

- ***Feedback from EPA Regional Reviewers***
- ***Comments from Federal Partners***
- ***National Expansion***

EPA Regions - 3, 5, 6 & 8

Regional Partnerships

Additional Information

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